

AN: PAT 1989-167727  
TI: Selective chemical vapour deposition using fine powder  
packed around non plated sections to prevent vapour deposition  
and so plating of the sections  
PN: **GB2210387-A**  
PD: 07.06.1989  
AB: Objects to be partially coated by a vapour deposition  
process e.g. aluminium coating, are protected in the areas not  
requiring coating, by surrounding these areas with a protective  
vapour absorptive nickel and alumina powder, or a powder having  
the same compsn. as the component to be coated. Appts.  
comprises a box structure with aperture to receive the object  
to be coated and filled with a protective powder.; The process  
is useful for protecting areas of surface not required to be  
coated during a vapour chemical deposition process and  
particularly in the mfr. of gas turbine blades or similar, the  
roots of which can be embedded in a powder filled box structure,  
whilst the blades protrude through to be alumina coated.  
PA: (RORO ) ROLLS ROYCE LTD; (RORO ) ROLLS ROYCE PLC;  
IN: PRATT A L;  
FA: **GB2210387-A** 07.06.1989; **GB2210387-B** 11.03.1992;  
CO: GB;  
IC: C23C-010/04;  
MC: M13-E;  
DC: M13;  
PR: GB0023009 30.09.1987;  
FP: 07.06.1989  
UP: 11.03.1992

---